

Mottolo Superfund Site – Raymond, New Hampshire

January 2010 Monthly Update

For a more detailed summary of the Mottolo Superfund Site (site) land use history, past investigations, cleanup actions, and monitoring, please refer to the “Mottolo Site Summary” on the DES Hot Topics website at the following address:

http://des.nh.gov/organization/divisions/waste/hwrb/fss/superfund/mottolo_pig_farm.htm

The data collection, review and presentation tasks listed in the activity summaries and next steps provided below is anticipated to be of sufficient quantity and quality to support our evaluation of the site’s association with off-site impacts and thus provide a critical component for moving site-related decisions forward. We are currently on schedule to have a Data Evaluation Report ready for public review before the March public meeting in Raymond.

1. JANUARY ACTIVITIES

- a. Received and reviewed laboratory results from the 69 residential wells sampled in December.
- b. Sent letters reporting the laboratory results to each residence sampled.
- c. Installation and preliminary sampling of three new on-site deep bedrock monitoring wells and one overburden well completed.
- d. Conducted geophysical investigations on newly installed deep bedrock monitoring wells and one residential well adjacent to the site.
- e. GZA (State environmental consultant/contractor) subcontracts with land surveyor to conduct residential well elevation survey to facilitate the generation of the deep bedrock static water level map.
- f. GZA prepares data summaries and detailed data presentations based on technical input from EPA, DES and USGS and launches an inter-agency web link for sharing technical information.
- g. Meetings, site visits and conference calls with EPA, U.S. Geological Survey (USGS) and GZA to review, plan and discuss project objectives, field activities, data presentation and interpretation, etc.
- h. DES prepares request for Governor & Executive Council approval to enter an agreement with USGS to provide technical assistance.

2. NEXT STEPS

A. February 2010

1. GZA will summarize site data and continue to prepare detailed data presentations based on technical input from EPA, DES, USGS and NH Geological Survey.
2. DES/USGS agreement is anticipated to be approved by the Governor and Executive Council for technical assistance on arsenic studies. USGS has been and will continue to provide technical assistance prior to this agreement being finalized.
3. Based on the review of on-site deep bedrock geophysical investigation logs and associated preliminary water quality analytical results, GZA will design, order and

install segmented well sampling systems that will allow sampling of specific water-bearing fractures.

4. GZA will prepare a draft Data Evaluation Report. The report will provide a summary, analysis, interpretation, and conclusions of the extensive residential sampling program, on-site subsurface investigation and on-site overburden and deep bedrock groundwater sampling events. The report will be used to support a determination of an appropriate long-term solution for residual site contamination and, if applicable, supplied water alternative to the effected area. It is anticipated that GZA will incorporate interagency comments and submit a final Data Evaluation Report for public distribution.

B. March 2010

A public meeting will be held to present and discuss key information provided in the Data Evaluation Report and provide an update of the project schedule. Stay tuned to future monthly updates for specifics on scheduling and location for this public meeting.

C. Spring 2010

Remedial response options evaluation will begin and include an evaluation of alternatives for addressing residual on-site soil contamination and the need and means of providing alternate water to the homes where drinking water has been impacted by site-related contaminants.